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# FACSIMILE COVER SHEET

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APR 21 2005

Deliver to: William M. Brewster, USPTO Art Group: 2823  
Facsimile No.: 1-703-872-9306 Date: April 21, 2005  
From: Robert G. Winkle, Reg. No. 37,474  
Our Docket No.: 42P19017 Number of pages 14 including this sheet.  
Application No.: 10/812,464 Filing Date: 3/29/2004  
Docket Due Date(s): 4-21-2005

**Enclosed are the following documents:**

- ☒ Amendment: Response ( 11 pgs)  
☐ Appeal Brief ( \_\_\_\_ pgs)  
☐ Application: \_\_\_\_\_  
                                 ( \_\_\_\_ pgs) w/cover & abstract  
☐ Assignment & Cover Sheet ( \_\_\_\_ pgs)  
☒ Certificate of Facsimile  
☐ Continued Prosecution Application (CPA)  
☐ Declaration & POA ( \_\_\_\_ pgs)  
☐ Drawings: \_\_\_\_ sheets, \_\_\_\_ figures  
☐ Extension of Time: \_\_\_\_\_  
☒ Fee Transmittal (in duplicate)  
☐ IDS & PTO/SB/08 ( \_\_\_\_ pgs)  
☐ Other \_\_\_\_\_

☐ Issue Fee Transmittal  
☐ Notice of Appeal  
☐ Petition for: \_\_\_\_\_  
☐ Request for Continued Examination (RCE)  
☐ Reply Brief ( \_\_\_\_ pgs)  
☐ Request & Certification Under 35 USC 122(b)(2)(B)(i)  
☐ Request to Rescind Previous Nonpublication Request  
☐ Response to Notice of Missing Parts & Formalities Letter  
☐ Response to Written Opinion ( \_\_\_\_ pgs)  
☐ Terminal Disclaimer  
☐ Transmittal of Publication Fee Due  
☐ Transmittal Letter

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A)**

*I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office.*

Deborah L. Higham

**4/21/2005**

Date \_\_\_\_\_

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**If you do not receive all the pages, or if there is any difficulty in receiving, please call: (503) 439-8778 and ask for Deborah L. Higham.**

# FEE TRANSMITTAL for FY 2005

*Patent fees are subject to annual revision.*

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

## Complete if Known

Application Number	10/812,464
Filing Date	March 29, 2004
First Named Inventor	John P. Barnak
Examiner Name	William M. Brewster
Art Unit	2823
Attorney Docket No.	42P19017

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) ☐ Credit any overpayments

under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

## FEE CALCULATION

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____					
SUBTOTAL (2)					(\$)

## SUBMITTED BY

Name (Print/Type) Mark C. Van Ness

Registration No.  
(Attorney/Agent)

39,865

Telephone

(503) 439-8778

Signature

Date

04/21/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/12/15/2004).  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.**TOTAL AMOUNT OF PAYMENT**

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**Complete if Known**

Application Number	10/812,464
Filing Date	March 29, 2004
First Named Inventor	John P. Barnak
Examiner Name	William M. Brewster
Art Unit	2823
Attorney Docket No.	42P19017

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under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

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Other fee (specify) _____					
<b>SUBTOTAL (2)</b>					<b>(\$)</b>

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Mark C. Van Ness	Registration No. (Attorney/Agent)	39,865	Telephone	(503) 439-8778
Signature		Date	04/21/05		

Based on PTO/BB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (vtr) 12/15/2004.  
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APR 21 2005

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Barnak, et al.

Serial No.: 10/812,464

Filed: March 29, 2004

For: Under Bump Metallization Layer to  
Enable Use of High Tin Content  
Solder Bumps

Examiner: W. Brewster

Group Art Unit: 2823

Attorney Docket No.: 42P19017

Confirmation No.: 3158

AMENDMENTCommissioner for Patents  
P.O. Box 1450  
Alexandra, VA 22313-1450

Sir:

In response to the Office Action mailed January 21, 2005, please consider the following amendment and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

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